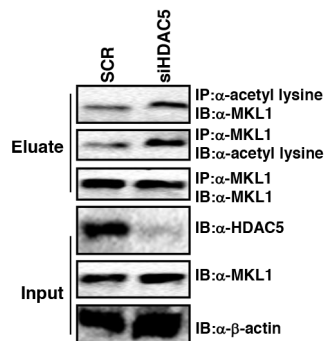
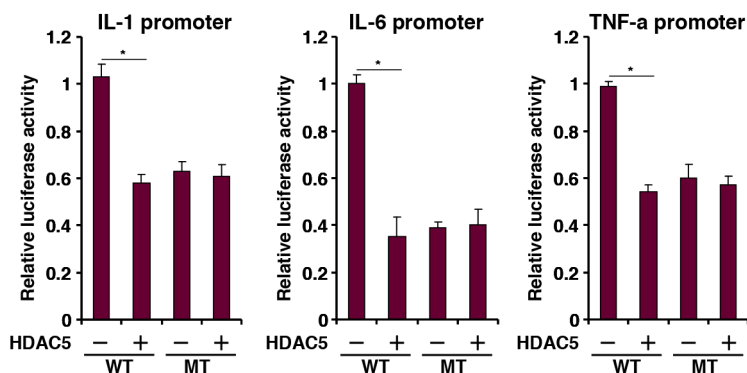


# HADC5 deacetylates MKL1 to dampen TNF- $\alpha$ induced pro-inflammatory gene transcription in macrophages

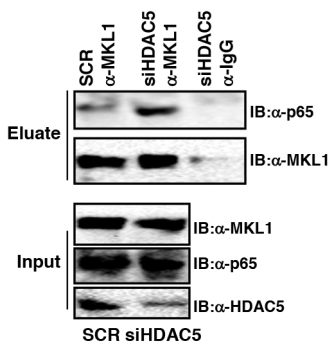
## SUPPLEMENTARY MATERIALS



**Supplementary Figure 1:** RAW264 cells were transfected with siRNA targeting HDAC5 or scrambled siRNA (SCR). Immunoprecipitation assay was performed with indicated antibodies.



**Supplementary Figure 2:** Different promoter constructs were transfected into HEK293 cells with wild type (WT) MKL1, acetylation-defective (MT) MKL1, and/or HDAC5 expression construct as indicated. Luciferase activities were normalized by protein concentration and GFP fluorescence.



**Supplementary Figure 3:** RAW264 cells were transfected with siRNA targeting HDAC5 or scrambled siRNA (SCR) followed by treatment with TNF- $\alpha$  (10ng/ml). Immunoprecipitation was performed with anti-MKL1 or IgG.